

ABSTRACT OF DISCLOSURE

An ankle-blood-pressure measuring apparatus for measuring a blood pressure of an ankle of a living subject, including an inflatable cuff which is adapted to be worn on the ankle of the subject; a cuff-pressure changing device which decreases a pressure in the cuff from a pressure higher than a systolic blood pressure of the ankle; a distal-pulse-wave detecting device which is adapted to be worn on a distal portion of the subject that is located on a distal side of the ankle and detects a distal pulse wave produced from the distal portion; an increasing-point detecting device for detecting at least one increasing point where a magnitude of the distal pulse wave continuously detected by the distal-pulse-wave detecting device when the pressure of the cuff is decreased by the cuff-pressure changing device, significantly increases; and an ankle-blood-pressure determining device which determines a pressure of the cuff when the increasing-point detecting device detects the second increasing point, as a systolic blood pressure of one of a plurality of tibial arteries of the ankle of the subject that has stenosis.